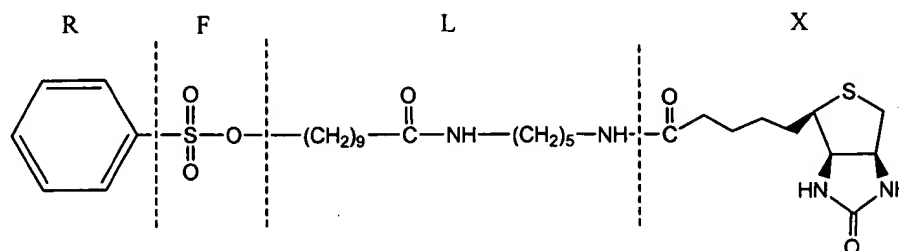


REMARKS

With respect to Subgroup 1 (i.e., molecule with the formula R(F-L)-X), Applicants elect the following species



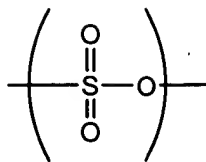
It is respectfully submitted that all atoms and bonds necessary to define the elected species are clearly set forth in the structure above. In addition, it is submitted that those skilled in the art recognize that, for the presently elected species of Subgroup 1, R is benzene, F is sulfonyl, L is N-(5-pentylamine)-decanamido, and X is biotin.

With regard to the requirement to elect an “active” and an “inactive” form of the molecule, it is respectfully submitted that the Examiner has misconstrued claim 12. The terms “active” and “inactive”, as used in claim 12, refer to the target proteins in the protein mixture, and not the activity-based probe (ABP). Accordingly, it is submitted that the requirement to elect an active form and an inactive form of the molecule (i.e., ABP) is moot.

With respect to Subgroup 2 (i.e., single species of active protein), Applicants elect the active form of cytosolic 2 class I rat aldehyde dehydrogenase (cALDH-I).

With respect to Subgroup 3 (i.e., single species of biological source), Applicants elect rat liver.

With respect to Subgroup 4 (i.e., single species of functional group), Applicants elect sulfonyl, as set forth below:



With respect to Subgroup 5 (i.e., single species of conjugate), Applicants elect the conjugate wherein the molecule set forth in Subgroup 1 is attached to the protein cytosolic 2 class I rat aldehyde dehydrogenase (cALDH-I).

With respect to Subgroup 6 (i.e., method steps), Applicants elect the method steps of claim 12.

Finally, it is submitted that claim 12 reads on the elected species set forth herein.

The Examiner is invited to contact Applicants' undersigned representative if there are any questions relating to this application. A fee for a two-month extension of time accompanies this Response to Restriction Requirement. If any additional fee is due in connection with the filing of this Response, the Commissioner is authorized to charge any fee (or credit any overpayment) to Deposit Acct. No. 50-1355.

Respectfully submitted,

Date:

7/2/03



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